

# EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	9271	(455/552.1,553.1,445,422.1,41.1, 436-444).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/03/30 16:45
S2	2953	(370/466,467,470).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/03/30 16:46
S3	32	((bluetooth or (short adj2 range) or short-range) near3 (access adj2 (point or node))) same (((mobile or cellular or wireless or radio or portable) adj2 (phone or device or station or telephone or unit or apparatus)) with (coverage or proxim\$8))	US-PGPUB; USPAT	OR	ON	2007/03/30 17:24
S4	4	((bluetooth or (short adj2 range) or short-range) near3 (access adj2 (point or node))) same (((mobile or cellular or wireless or radio or portable) adj2 (phone or device or station or telephone or unit or apparatus)) with (register\$4))	US-PGPUB; USPAT	OR	ON	2007/03/30 18:01
S5	22	((bluetooth or (short adj2 range) or short-range) near3 (access adj2 (point or node))) and (((((mobile or cellular or wireless or radio or portable) adj2 (phone or device or station or telephone or unit or apparatus)) with (register\$4) with (access adj2 (node or point))))	US-PGPUB; USPAT	OR	ON	2007/03/30 17:03
S6	11	("6138159" "6243581" "6285879" "6330448" "6400722" "6430395" "6430413" "6445921" "6477373" "6519453" "6580914").PN.	US-PGPUB; USPAT	OR	ON	2007/03/30 17:20
S7	3	("20020154627" "20030112789" "20040151186").PN.	US-PGPUB; USPAT	OR	ON	2007/03/30 17:15
S8	2	((bluetooth or (short adj2 range) or short-range) near3 (access adj2 (point or node))) same (((mobile or cellular or wireless or radio or portable) adj2 (phone or device or station or telephone or unit or apparatus)) with (MAC with address))	US-PGPUB; USPAT	OR	ON	2007/03/30 17:25

## EAST Search History

S9	42	((bluetooth or (short adj2 range) or short-range) near3 (access adj2 (point or node))) and (((mobile or cellular or wireless or radio or portable) adj2 (phone or device or station or telephone or unit or apparatus)) with (MAC with address))	US-PGPUB; USPAT	OR	ON	2007/03/30 17:26
S10	121	MAC and MSISDN	US-PGPUB; USPAT	OR	ON	2007/03/30 18:01
S11	59	MAC same MSISDN	US-PGPUB; USPAT	OR	ON	2007/03/30 18:03
S12	9271	(455/552.1,553.1,445,422.1,41.1, 436-444).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/05/01 12:25
S13	13	S12 and S11	US-PGPUB; USPAT	OR	ON	2007/03/30 18:01
S14	9	((bluetooth or (short adj2 range) or short-range) near3 (access adj2 (point or node))) and S13	US-PGPUB; USPAT	OR	ON	2007/03/30 18:06
S15	21	MAC same (ISDN or MSISDN) and S12	US-PGPUB; USPAT	OR	ON	2007/03/30 18:06
S16	4	S13 not S14	US-PGPUB; USPAT	OR	ON	2007/03/30 18:03
S17	18	( (access adj2 (point or node))) and S15	US-PGPUB; USPAT	OR	ON	2007/03/30 18:06
S18	46	MAC same (ISDN or MSISDN) same (access adj2 (point or node))	US-PGPUB; USPAT	OR	ON	2007/03/30 18:06
S19	1	((bluetooth or (short adj2 range) or short-range) near3 (access adj2 (point or node))) same MAC same (MSISDN or IMEI or ISDN)	US-PGPUB; USPAT	OR	ON	2007/03/31 14:02
S20	33	((bluetooth or (short adj2 range) or short-range) near3 (access adj2 (point or node))) and MAC and (MSISDN or IMEI or ISDN)	US-PGPUB; USPAT	OR	ON	2007/03/30 18:07
S21	386	(hotspot with identif\$8)	US-PGPUB; USPAT	OR	ON	2007/03/31 08:54
S22	7	(hotspot with identif\$8) same LAN	US-PGPUB; USPAT	OR	ON	2007/03/31 08:56
S23	103	((LAN or hotspot) near3 identif\$8) and ((WWAN or WAN) near3 identif\$8)	US-PGPUB; USPAT	OR	ON	2007/03/31 09:00
S24	74	((LAN or hotspot) near3 identif\$8) same ((WWAN or WAN) near3 identif\$8)	US-PGPUB; USPAT	OR	ON	2007/03/31 09:00

## EAST Search History

S25	65	((LAN or hotspot) near3 identif\$8) with ((WWAN or WAN) near3 identif\$8)	US-PGPUB; USPAT	OR	ON	2007/03/31 09:00
S26	48	MAC and S24	US-PGPUB; USPAT	OR	ON	2007/03/31 09:00
S27	1	(ISDN or MSISDN or IMEI or ESN) and S26	US-PGPUB; USPAT	OR	ON	2007/05/02 08:14
S28	1	("20030112789").PN.	US-PGPUB; USPAT	OR	OFF	2007/03/31 09:03
S29	0	S28 and register%8	US-PGPUB; USPAT	OR	ON	2007/03/31 09:03
S30	1	S28 and register\$8	US-PGPUB; USPAT	OR	ON	2007/03/31 09:10
S31	1	("20050097356").PN.	US-PGPUB; USPAT	OR	OFF	2007/03/31 09:10
S32	1	S31 and hashed	US-PGPUB; USPAT	OR	ON	2007/03/31 10:08
S33	1	MAC/MSISDN	US-PGPUB; USPAT	OR	ON	2007/03/31 10:08
S34	0	MAC/ISDN	US-PGPUB; USPAT	OR	ON	2007/03/31 10:09
S35	0	MAC/IMEI	US-PGPUB; USPAT	OR	ON	2007/03/31 10:09
S36	224	(ISDN or MSISDN or IMEI or ESN) with MAC	US-PGPUB; USPAT	OR	ON	2007/03/31 10:10
S37	597	(hashed with code) with16	US-PGPUB; USPAT	OR	ON	2007/03/31 10:09
S38	1	(hashed with code) with S36	US-PGPUB; USPAT	OR	ON	2007/03/31 10:10
S39	1	(hashed with code) same S36	US-PGPUB; USPAT	OR	ON	2007/03/31 10:10
S40	1	(hash\$4 with code) same S36	US-PGPUB; USPAT	OR	ON	2007/03/31 10:10
S41	7	(hash\$4 with code) and S36	US-PGPUB; USPAT	OR	ON	2007/03/31 10:10
S42	39	(ISDN or MSISDN or IMEI or ESN) with MAC with code	US-PGPUB; USPAT	OR	ON	2007/03/31 10:11
S43	51	(ISDN or MSISDN or IMEI or ESN) with MAC with (message)	US-PGPUB; USPAT	OR	ON	2007/03/31 10:10
S44	2	(hash\$4 near3 code) and S21	US-PGPUB; USPAT	OR	ON	2007/03/31 10:11
S45	54	(ISDN or MSISDN or IMEI or ESN) with MAC with (message or code)	US-PGPUB; USPAT	OR	ON	2007/03/31 10:13

## EAST Search History

S46	2	(hotspot or LAN or short-range or Bluetooth or PAN or (short adj2 range)) adj2 (access adj2 (point or node)) and S45	US-PGPUB; USPAT	OR	ON	2007/03/31 10:13
S47	70	(ISDN or MSISDN or IMEI or ESN or IMSI) with MAC with (message or code)	US-PGPUB; USPAT	OR	ON	2007/03/31 10:13
S48	2	(hotspot or LAN or short-range or Bluetooth or PAN or (short adj2 range)) adj2 (access adj2 (point or node)) and S47	US-PGPUB; USPAT	OR	ON	2007/03/31 10:13
S49	515	(ISDN or MSISDN or IMEI or ESN or IMSI) same MAC	US-PGPUB; USPAT	OR	ON	2007/03/31 10:14
S50	12	(hotspot or LAN or short-range or Bluetooth or PAN or (short adj2 range)) adj2 (access adj2 (point or node)) and S49	US-PGPUB; USPAT	OR	ON	2007/03/31 10:14
S51	274	(ISDN or MSISDN or IMEI or ESN or IMSI) with MAC	US-PGPUB; USPAT	OR	ON	2007/03/31 10:17
S52	8	(hotspot or LAN or short-range or Bluetooth or PAN or (short adj2 range)) adj2 (access adj2 (point or node)) and S51	US-PGPUB; USPAT	OR	ON	2007/03/31 10:16
S53	211	(ISDN or MSISDN or IMEI or ESN or IMSI) same (MAC near2 address)	US-PGPUB; USPAT	OR	ON	2007/03/31 10:16
S54	7	(hotspot or LAN or short-range or Bluetooth or PAN or (short adj2 range)) adj2 (access adj2 (point or node)) and S53	US-PGPUB; USPAT	OR	ON	2007/03/31 10:16
S55	3	(ISDN or MSISDN or IMEI or ESN or IMSI) with MAC with hash\$4	US-PGPUB; USPAT	OR	ON	2007/03/31 14:00
S56	626	(ISDN or MSISDN or IMEI or ESN or IMSI or ((device or machine) adj2 (number or identity or identification))) with MAC	US-PGPUB; USPAT	OR	ON	2007/03/31 14:00
S57	2	((bluetooth or (short adj2 range) or short-range or hotspot or LAN or PAN) near3 (access adj2 (point or node))) same MAC same (MSISDN or IMEI or ISDN)	US-PGPUB; USPAT	OR	ON	2007/03/31 14:03
S58	64	(((bluetooth or (short adj2 range) or short-range or hotspot or LAN or PAN) near3 (access adj2 (point or node)))) and S56	US-PGPUB; USPAT	OR	ON	2007/03/31 14:30
S59	11	(((bluetooth or (short adj2 range) or short-range or hotspot or LAN or PAN) near3 (access adj2 (point or node)))) same S56	US-PGPUB; USPAT	OR	ON	2007/03/31 14:03

## EAST Search History

S60	697	((mobile or cellular or wireless or radio or portable) adj2 (phone or device or station or telephone or unit or apparatus)) with (register\$4 with (access adj2 (node or point))))	US-PGPUB; USPAT	OR	ON	2007/03/31 14:14
S61	9	S56 and S60	US-PGPUB; USPAT	OR	ON	2007/03/31 14:12
S62	83	(access adj2 (node or point)) with request\$4 with (network adj2 address)	US-PGPUB; USPAT	OR	ON	2007/03/31 14:13
S63	31	((mobile or cellular or wireless or radio or portable) adj2 (phone or device or station or telephone or unit or apparatus)) same S62	US-PGPUB; USPAT	OR	ON	2007/03/31 14:14
S64	42	((bluetooth or (short adj2 range) or short-range) near3 (access adj2 (point or node))) and (((mobile or cellular or wireless or radio or portable) adj2 (phone or device or station or telephone or unit or apparatus)) with (MAC with address))	US-PGPUB; USPAT	OR	ON	2007/03/31 14:18
S65	1	S64 and (backend)	US-PGPUB; USPAT	OR	ON	2007/03/31 14:20
S66	0	S64 and (back-end)	US-PGPUB; USPAT	OR	ON	2007/03/31 14:19
S67	1	S64 and (back adj2 end)	US-PGPUB; USPAT	OR	ON	2007/03/31 14:19
S68	32	((bluetooth or (short adj2 range) or short-range) near3 (access adj2 (point or node))) same (((mobile or cellular or wireless or radio or portable) adj2 (phone or device or station or telephone or unit or apparatus)) with (coverage or proxim\$8))	US-PGPUB; USPAT	OR	ON	2007/03/31 14:19
S69	1	S68 and (back adj2 end)	US-PGPUB; USPAT	OR	ON	2007/03/31 14:20
S70	1	S68 and (backend)	US-PGPUB; USPAT	OR	ON	2007/03/31 14:20
S71	81	(handoff or handover) with (hotspot or LAN or PAN) with (WAN or cellular)	US-PGPUB; USPAT	OR	ON	2007/03/31 14:30
S72	0	S71 and (backend with server)	US-PGPUB; USPAT	OR	ON	2007/03/31 14:30
S73	0	S71 and (back-end with server)	US-PGPUB; USPAT	OR	ON	2007/03/31 14:32

## EAST Search History

S74	2021	(backend with server)	US-PGPUB; USPAT	OR	ON	2007/03/31 14:30
S75	27	((bluetooth or (short adj2 range) or short-range or hotspot or LAN or PAN) near3 (access adj2 (point or node)))) and S74	US-PGPUB; USPAT	OR	ON	2007/03/31 14:34
S76	8	((bluetooth or (short adj2 range) or short-range or hotspot or LAN or PAN) near3 (access adj2 (point or node)))) same S74	US-PGPUB; USPAT	OR	ON	2007/03/31 14:31
S77	19	S75 not S76	US-PGPUB; USPAT	OR	ON	2007/03/31 14:32
S78	56	hotspot near2 server	US-PGPUB; USPAT	OR	ON	2007/03/31 14:32
S79	0	S78 and (back-end with server)	US-PGPUB; USPAT	OR	ON	2007/03/31 14:32
S80	2	S78 and (backend with server)	US-PGPUB; USPAT	OR	ON	2007/03/31 14:33
S81	6995	(LAN or PAN or hotspot) near2 server	US-PGPUB; USPAT	OR	ON	2007/03/31 14:33
S82	183	S81 and (backend with server)	US-PGPUB; USPAT	OR	ON	2007/03/31 14:33
S83	82	S81 same (backend with server)	US-PGPUB; USPAT	OR	ON	2007/03/31 14:33
S84	82	S81 same (backend near2 server)	US-PGPUB; USPAT	OR	ON	2007/03/31 14:33
S85	6	S81 with (backend near2 server)	US-PGPUB; USPAT	OR	ON	2007/03/31 14:33
S86	30	((bluetooth or (short adj2 range) or short-range or hotspot or LAN or PAN) near3 (access adj2 (point or node)))) same (bill\$4)	US-PGPUB; USPAT	OR	ON	2007/03/31 14:35
S87	0	((bluetooth or (short adj2 range) or short-range or hotspot or LAN or PAN) near3 (access adj2 (point or node)))) same (bill\$4) same SMS	US-PGPUB; USPAT	OR	ON	2007/03/31 14:35
S88	5	((bluetooth or (short adj2 range) or short-range or hotspot or LAN or PAN) near3 (access adj2 (point or node)))) same (bill\$4) and SMS	US-PGPUB; USPAT	OR	ON	2007/03/31 14:45
S89	5	((bluetooth or (short adj2 range) or short-range or hotspot or LAN or PAN) near3 (access adj2 (point or node)))) same (bill\$4) and ((short or text) adj2 message)	US-PGPUB; USPAT	OR	ON	2007/03/31 14:37
S90	1521	(455/405-408).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/03/31 14:37

## EAST Search History

S91	17	S90 and ((bluetooth or (short adj2 range) or short-range or hotspot or LAN or PAN) near3 (access adj2 (point or node)))	US-PGPUB; USPAT	OR	ON	2007/03/31 14:39
S92	4	S91 and (SMS or ((short or text) adj2 message))	US-PGPUB; USPAT	OR	ON	2007/03/31 14:39
S93	151	((bill\$4 or cost) adj2 (data or information)) with (SMS or ((short or text) adj2 message))	US-PGPUB; USPAT	OR	ON	2007/03/31 14:41
S94	1	S93 and ((bluetooth or (short adj2 range) or short-range or hotspot or LAN or PAN) near3 (access adj2 (point or node)))	US-PGPUB; USPAT	OR	ON	2007/03/31 14:39
S95	17	S93 and (access adj2 (point or node))	US-PGPUB; USPAT	OR	ON	2007/03/31 14:40
S96	55	((bill\$4 or cost) adj2 (data or information)) with (SMS or ((short or text) adj2 message)) with (send\$4 or sent or receiv\$4 or transmi\$8)	US-PGPUB; USPAT	OR	ON	2007/03/31 14:44
S97	1	S96 same (LAN or PAN or hotspot)	US-PGPUB; USPAT	OR	ON	2007/03/31 14:44
S98	185	(((bluetooth or (short adj2 range) or short-range or hotspot or LAN or PAN) near3 (access adj2 (point or node))) and (Service adj2 provider) and (SMS or MMS))	US-PGPUB; USPAT	OR	ON	2007/03/31 14:46
S99	9271	(455/552.1,553.1,445,422.1,41.1, 436-444).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/03/31 14:46
S100	2953	(370/466,467,470).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/03/31 14:46
S101	12157	S99 or S100	US-PGPUB; USPAT	OR	ON	2007/03/31 14:46
S102	21	S98 and S101	US-PGPUB; USPAT	OR	ON	2007/03/31 14:46
S103	41	(((bluetooth or (short adj2 range) or short-range or hotspot or LAN or PAN) near3 (access adj2 (point or node))) and ((Service adj2 provider) with (SMS or MMS)))	US-PGPUB; USPAT	OR	ON	2007/03/31 14:51
S104	2	(hotspot with ((backend or back-end or (back adj2 end)) adj2 server))	US-PGPUB; USPAT	OR	ON	2007/03/31 14:52
S105	3	(hotspot same ((backend or back-end or (back adj2 end)) adj2 server))	US-PGPUB; USPAT	OR	ON	2007/03/31 14:52
S106	30	(hotspot and ((backend or back-end or (back adj2 end)) adj2 server))	US-PGPUB; USPAT	OR	ON	2007/03/31 14:53

## EAST Search History

S10 7	1243	((LAN or PAN or hotspot) and ((backend or back-end or (back adj2 end)) adj2 server))	US-PGPUB; USPAT	OR	ON	2007/03/31 14:53
S10 8	158	((LAN or PAN or hotspot) same ((backend or back-end or (back adj2 end)) adj2 server))	US-PGPUB; USPAT	OR	ON	2007/03/31 14:53
S10 9	32	((LAN or PAN or hotspot) with ((backend or back-end or (back adj2 end)) adj2 server))	US-PGPUB; USPAT	OR	ON	2007/03/31 14:54
S11 0	2	(((LAN or PAN or hotspot) adj2 server) with ((backend or back-end or (back adj2 end)) adj2 server))	US-PGPUB; USPAT	OR	ON	2007/03/31 14:54
S11 1	9	(((LAN or PAN or hotspot) adj2 server) same ((backend or back-end or (back adj2 end)) adj2 server))	US-PGPUB; USPAT	OR	ON	2007/03/31 14:54
S11 2	45	((bluetooth or (short adj2 range) or short-range) near3 (access adj2 (point or node))) and (((mobile or cellular or wireless or radio or portable) adj2 (phone or device or station or telephone or unit or apparatus)) with (MAC with address))	US-PGPUB; USPAT	OR	ON	2007/05/01 12:19
S11 3	1	("20050097356").PN.	US-PGPUB; USPAT	OR	OFF	2007/05/01 15:06
S11 4	1	S113 and hashed	US-PGPUB; USPAT	OR	ON	2007/05/01 12:29
S11 5	1	MAC/MSISDN	US-PGPUB; USPAT	OR	ON	2007/05/01 14:58
S11 6	0	MAC/ISDN	US-PGPUB; USPAT	OR	ON	2007/05/01 15:31
S11 7	1	S113 and HAP	US-PGPUB; USPAT	OR	ON	2007/05/01 12:31
S11 8	87	hashed adj2 code	US-PGPUB; USPAT	OR	ON	2007/05/01 12:37
S11 9	1	("20030112789").PN.	US-PGPUB; USPAT	OR	OFF	2007/05/01 15:06
S12 0	1	S119 and "423"	US-PGPUB; USPAT	OR	ON	2007/05/01 12:38
S12 1	569	(Hash\$4 or combin\$4) with code with (MAC or ISDN or IMEI or MSISDN)	US-PGPUB; USPAT	OR	ON	2007/05/01 14:50
S12 2	9398	(455/552.1,553.1,445,422.1,41.1, 436-444).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/05/01 12:41
S12 3	9398	S122	US-PGPUB; USPAT	OR	ON	2007/05/01 12:41

## EAST Search History

S12 4	4	S121 and S123	US-PGPUB; USPAT	OR	ON	2007/05/01 12:43
S12 5	2986	(370/466,467,470).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/05/01 12:42
S12 6	2986	S125	US-PGPUB; USPAT	OR	ON	2007/05/01 12:42
S12 7	3	S121 and S126	US-PGPUB; USPAT	OR	ON	2007/05/01 12:43
S12 8	1089	(Hash\$4 or combin\$4) with address with (id or identification)	US-PGPUB; USPAT	OR	ON	2007/05/01 12:44
S12 9	15	S122 and S128	US-PGPUB; USPAT	OR	ON	2007/05/01 13:21
S13 0	3926	((hash\$4 or combin\$4) with address) and wireless	US-PGPUB; USPAT	OR	ON	2007/05/01 13:21
S13 1	3597	(Hash\$4 or combin\$4) with ((address or MAC) with ( ISDN or IMEI or MSISDN or number))	US-PGPUB; USPAT	OR	ON	2007/05/01 14:51
S13 2	27	(Hash\$4 or combin\$4) with ((address or MAC) with ( ISDN or IMEI or MSISDN or (machine adj2 number)))	US-PGPUB; USPAT	OR	ON	2007/05/01 15:31
S13 3	24	(Hash\$4 ) same ((address or MAC) with ( ISDN or IMEI or MSISDN or (machine adj2 number)))	US-PGPUB; USPAT	OR	ON	2007/05/01 14:56
S13 4	3318	hash\$4 near3 (address or MAC or ISDN or IMEI or MSISDN)	US-PGPUB; USPAT	OR	ON	2007/05/01 14:55
S13 5	2499	hash\$4 near2 (address or MAC or ISDN or IMEI or MSISDN)	US-PGPUB; USPAT	OR	ON	2007/05/01 14:56
S13 6	655	hash\$4 near2 ( MAC or ISDN or IMEI or MSISDN)	US-PGPUB; USPAT	OR	ON	2007/05/01 15:34
S13 7	312	hash\$4 adj2 ( MAC or ISDN or IMEI or MSISDN)	US-PGPUB; USPAT	OR	ON	2007/05/01 14:56
S13 8	0	MSISDN/MAC	US-PGPUB; USPAT	OR	ON	2007/05/01 14:59
S13 9	0	ISDNMAC	US-PGPUB; USPAT	OR	ON	2007/05/01 14:59
S14 0	0	ISDN/MAC	US-PGPUB; USPAT	OR	ON	2007/05/01 15:31
S14 1	17	number/MAC	US-PGPUB; USPAT	OR	ON	2007/05/01 15:01
S14 2	0	identifier/MAC	US-PGPUB; USPAT	OR	ON	2007/05/01 15:01
S14 3	2	id/MAC	US-PGPUB; USPAT	OR	ON	2007/05/01 15:02

## EAST Search History

S14 4	0	MAC/identifier	US-PGPUB; USPAT	OR	ON	2007/05/01 15:02
S14 5	0	MAC/id	US-PGPUB; USPAT	OR	ON	2007/05/01 15:02
S14 6	14	S141 and hash\$4	US-PGPUB; USPAT	OR	ON	2007/05/01 15:03
S14 7	1	S141 same hash\$4	US-PGPUB; USPAT	OR	ON	2007/05/01 15:02
S14 8	1	S113 and (cellular adj2 address)	US-PGPUB; USPAT	OR	ON	2007/05/01 15:06
S14 9	0	MAC/ANI	US-PGPUB; USPAT	OR	ON	2007/05/01 15:31
S15 0	0	QNI/MAC	US-PGPUB; USPAT	OR	ON	2007/05/01 15:31
S15 1	0	ANI/MAC	US-PGPUB; USPAT	OR	ON	2007/05/01 15:31
S15 2	35	(Hash\$4 or combin\$4) with ((address or MAC) with ( ISDN or IMEI or ANI or MSISDN or (machine adj2 number)))	US-PGPUB; USPAT	OR	ON	2007/05/02 08:29
S15 3	8	S152 not S132	US-PGPUB; USPAT	OR	ON	2007/05/01 15:32
S15 4	2538	hash\$4 near2 identif\$8	US-PGPUB; USPAT	OR	ON	2007/05/01 15:34
S15 5	4	S154 with (Access adj2 (point or node))	US-PGPUB; USPAT	OR	ON	2007/05/01 15:35
S15 6	13	S154 same (Access adj2 (point or node))	US-PGPUB; USPAT	OR	ON	2007/05/01 15:36
S15 7	9	S156 not S155	US-PGPUB; USPAT	OR	ON	2007/05/01 15:39
S15 8	1	(access adj2 (node or point)) with (bill\$4 or cost) with (SMSM or MMS) with user	US-PGPUB; USPAT	OR	ON	2007/05/01 15:39
S15 9	1	(access adj2 (node or point)) with (bill\$4 or cost) with (SMS or MMS) with user	US-PGPUB; USPAT	OR	ON	2007/05/01 16:11
S16 0	1	(access adj2 (node or point)) with (bill\$4 or cost) with (SMS or MMS)	US-PGPUB; USPAT	OR	ON	2007/05/01 15:40
S16 1	62	(access adj2 (node or point)) with (bill\$4 or cost) with (messag\$4)	US-PGPUB; USPAT	OR	ON	2007/05/01 15:40
S16 2	13	(access adj2 (node or point)) with (bill\$4 or cost) with (messag\$4) with user	US-PGPUB; USPAT	OR	ON	2007/05/01 16:02
S16 3	1	("20040127204").PN.	US-PGPUB; USPAT	OR	OFF	2007/05/01 16:02

## EAST Search History

S16 4	0	(access adj2 (node or point)) with (usaget) with (SMS or MMS) with user	US-PGPUB; USPAT	OR	ON	2007/05/01 16:11
S16 5	0	(access adj2 (node or point)) with (usage) with (SMS or MMS) with user	US-PGPUB; USPAT	OR	ON	2007/05/01 16:11
S16 6	0	(access adj2 (node or point)) with (usage) with (SMS or MMS)	US-PGPUB; USPAT	OR	ON	2007/05/01 16:12
S16 7	506	(access adj2 (node or point)) with (usage)	US-PGPUB; USPAT	OR	ON	2007/05/01 16:16
S16 8	30	(access adj2 (node or point)) with (usage) with (track\$4 or calculat\$4)	US-PGPUB; USPAT	OR	ON	2007/05/01 16:12
S16 9	208	(access adj2 (node or point)) with (SMS or MMS)	US-PGPUB; USPAT	OR	ON	2007/05/01 16:13
S17 0	3549	(access adj2 (node or point)) with (SMS or MMS or (shorta dj2 message) or multi-media or (multi adj2 media))	US-PGPUB; USPAT	OR	ON	2007/05/01 16:13
S17 1	289	(access adj2 (node or point)) with (SMS or MMS or (short adj2 message) or multi-media or (multi adj2 media))	US-PGPUB; USPAT	OR	ON	2007/05/01 16:16
S17 2	0	S168 and S171	US-PGPUB; USPAT	OR	ON	2007/05/01 16:14
S17 3	7	S167 and S171	US-PGPUB; USPAT	OR	ON	2007/05/01 16:17
S17 4	1	S167 same S171	US-PGPUB; USPAT	OR	ON	2007/05/01 16:14
S17 5	1863	(access adj2 (node or point)) with (bill\$4 or cost\$4 or charg\$4 or usage)	US-PGPUB; USPAT	OR	ON	2007/05/01 16:16
S17 6	29	S175 and S171	US-PGPUB; USPAT	OR	ON	2007/05/01 16:17
S17 7	7	S175 same S171	US-PGPUB; USPAT	OR	ON	2007/05/01 16:17
S17 8	234	(ISDN or MSISDN or IMEI or ESN) with MAC	US-PGPUB; USPAT	OR	ON	2007/05/02 08:14
S17 9	60	(ISDN or MSISDN or IMEI or ESN) with MAC with ((mobile or cellular or cell or radio or portable or wireless) adj2 (phone or device or unit or station or telephone or terminal or apparatus))	US-PGPUB; USPAT	OR	ON	2007/05/02 08:16

## EAST Search History

S18 0	2	(ISDN or MSISDN or IMEI or ESN) with MAC with ((mobile or cellular or cell or radio or portable or wireless) adj2 (phone or device or unit or station or telephone or terminal or apparatus)) with bluetooth	US-PGPUB; USPAT	OR	ON	2007/05/02 08:15
S18 1	3	(ISDN or MSISDN or IMEI or ESN) with MAC with ((mobile or cellular or cell or radio or portable or wireless) adj2 (phone or device or unit or station or telephone or terminal or apparatus)) with ((short adj2 range) or bluetooth)	US-PGPUB; USPAT	OR	ON	2007/05/02 08:15
S18 2	26	(ISDN or MSISDN or IMEI or ESN) with MAC with ((mobile or cellular or cell or radio or portable or wireless) adj2 (phone or device or unit or station or telephone or terminal or apparatus)) with (Access adj2 (node or point))	US-PGPUB; USPAT	OR	ON	2007/05/02 08:21
S18 3	26	(ISDN or MSISDN or IMEI or ESN) with ((medai adj2 control) or MAC) with ((mobile or cellular or cell or radio or portable or wireless) adj2 (phone or device or unit or station or telephone or terminal or apparatus)) with (Access adj2 (node or point))	US-PGPUB; USPAT	OR	ON	2007/05/02 08:17
S18 4	7	(ISDN or MSISDN or IMEI or ESN) with ((medai adj2 control) or MAC) with ((mobile or cellular or cell or radio or portable or wireless) adj2 (phone or device or unit or station or telephone or terminal or apparatus)) with (transmit\$4 or transmision or send\$4 or sent)	US-PGPUB; USPAT	OR	ON	2007/05/02 08:17
S18 5	8	(ISDN or MSISDN or IMEI or ESN) with ((medai adj2 control) or MAC) with ((mobile or cellular or cell or radio or portable or wireless) adj2 (phone or device or unit or station or telephone or terminal or apparatus)) with (transmit\$4 or transmission or send\$4 or sent)	US-PGPUB; USPAT	OR	ON	2007/05/02 08:19

## EAST Search History

S18 6	8	(ISDN or MSISDN or IMEI or ESN) with ((medai adj2 control) or MAC or (link adj2 layer)) with ((mobile or cellular or cell or radio or portable or wireless) adj2 (phone or device or unit or station or telephone or terminal or apparatus)) with (transmit\$4 or transmission or send\$4 or sent)	US-PGPUB; USPAT	OR	ON	2007/05/02 08:19
S18 7	8	(ISDN or MSISDN or IMEI or ESN) with ((medai adj2 control) or MAC or (link adj2 layer)) with ((mobile or cellular or cell or radio or portable or wireless) adj2 (phone or device or unit or station or telephone or terminal or apparatus)) same (WLAN or bluetooth or (short adj2 range) or short-range)	US-PGPUB; USPAT	OR	ON	2007/05/02 08:20
S18 8	2	(ISDN or MSISDN or IMEI or ESN) with MAC with ((mobile or cellular or cell or radio or portable or wireless) adj2 (phone or device or unit or station or telephone or terminal or apparatus)) with (SP or node)	US-PGPUB; USPAT	OR	ON	2007/05/02 08:21
S18 9	4	(ISDN or MSISDN or IMEI or ESN) with MAC with ((mobile or cellular or cell or radio or portable or wireless) adj2 (phone or device or unit or station or telephone or terminal or apparatus)) with (AP or node)	US-PGPUB; USPAT	OR	ON	2007/05/02 08:21
S19 0	289	(access adj2 (node or point)) with (SMS or MMS or (short adj2 message) or multi-media or (multi adj2 media))	US-PGPUB; USPAT	OR	ON	2007/05/02 08:22
S19 1	146	(Hash\$4 or combin\$4) same (((link adj2 layer) or MAC) same( ISDN or IMEI or ESN or MSISDN or ((Serial or machine) adj2 number)))	US-PGPUB; USPAT	OR	ON	2007/05/02 08:30
S19 2	17	S191 and ((short adj2 range) or short-range or WLAN or bluetooth )	US-PGPUB; USPAT	OR	ON	2007/05/02 08:31
S19 3	3	S191 same ((short adj2 range) or short-range or WLAN or bluetooth )	US-PGPUB; USPAT	OR	ON	2007/05/02 09:46
S19 4	14	S192 not S193	US-PGPUB; USPAT	OR	ON	2007/05/02 08:32

## EAST Search History

S19 5	10	S191 same ((mobile or cellular or cell or radio or portable or wireless) adj2 (phone or device or unit or station or telephone or terminal or apparatus))	US-PGPUB; USPAT	OR	ON	2007/05/02 08:37
S19 6	0	("10694879").PN.	US-PGPUB; USPAT	OR	OFF	2007/05/02 09:05
S19 7	1	("20060190966").PN.	US-PGPUB; USPAT	OR	OFF	2007/05/02 09:46
S19 8	1	("20030046184").PN.	US-PGPUB; USPAT	OR	OFF	2007/05/02 10:25
S19 9	1	S198 and SMS	US-PGPUB; USPAT	OR	ON	2007/05/02 10:25